CLAIMS

1. A cathode-ray tube (CRT) holding device comprising a rib section having a shape similar to a shape of a funnel of a CRT, for holding the CRT from a rear side of the CRT.

2. The CRT holding device of claim 1, wherein said rib section has ribs extending in a plurality of directions, respectively.

3. A cathode-ray tube (CRT) holding device comprising:

a rib section having a shape similar to a shape of a funnel of a CRT; and

a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT,

wherein said rib section and frame hold the CRT from a rear side of the CRT.

4. A cathode-ray tube (CRT) holding device comprising:

a rib section having a shape similar to a shape of a funnel of a CRT;

a frame having a shape corresponding to a shape of a panel of the CRT; and

a support base linked to at least one of said rib section and frame,

wherein the CRT is held in self-standing manner from a rear side of the CRT.

5. The CRT holding device of claim 4, wherein said rib section, frame and support base are unitarily formed with metal material.

6. The CRT holding device of claim 5, wherein said metal material is one of magnesium alloy, aluminum alloy, and zinc alloy.

7. The CRT holding device of claim 3, 4, 5, or 6, wherein said rib section has a section shaped like a gutter having a groove.

8. A video appliance comprising a rib section for holding a cathode-ray tube (CRT) from a rear side of the CRT, said rib section having a shape similar to a shape of a funnel of the CRT,.

9. The video appliance of claim 8, wherein said rib section has ribs extending in a plurality of directions, respectively.

10. A video appliance comprising:

a rib section having a shape similar to a shape of a funnel of a cathode-ray tube (CRT); and

a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT,

wherein said rib section and frame hold the CRT from a rear side of the CRT.

11. A video appliance comprising:

a rib section having a shape similar to a shape of a funnel of a cathode-ray tube (CRT);

a frame having a shape corresponding to a shape of a panel of the CRT; and

a support base linked to at least one of said rib section and frame,

wherein the CRT is held in self-standing manner from a rear side of the CRT.

12. The video appliance of claim 10 or 11, wherein said rib section

has a section shaped like a gutter having a groove.

13. The video appliance of claim 12, further comprising a degaussing coil disposed in the groove of said rib section.

14. The video appliance of claim 8, 9, 10, 11, 12, or 13, further comprising a front panel attached to a screen surface side of the CRT.

15. A cathode-ray tube (CRT) holding device comprising:

a rib section for holding a CRT from a rear side of the CRT, said rib section having a shape similar to a shape of a funnel of the CRT; and

a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of said rib section.

16. A cathode-ray tube (CRT) holding device comprising:

a rib section having a shape corresponding to a shape of a funnel of a CRT;

a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a panel of the CRT; and

a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of the rib section.

17. A cathode-ray tube (CRT) holding device comprising:

a rib section having a shape corresponding to a shape of a funnel of a CRT;

a frame having a shape corresponding to a shape of a panel of the CRT;

a support base for holding the CRT in self-standing manner; and

a runner section for pouring injection material from an injection molding machine, said runner section being provided as a part of said rib section,

wherein said rib section, frame, and support base are formed unitarily.

18. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section for holding a CRT from a rear side of the CRT, the rib section having a shape similar to a shape of a funnel of the CRT; and a runner section provided as a part of the rib section, said method comprising the steps of:

pouring injection material from an injection molding machine into said runner section; and

pouring the injection material into the rib section through the runner section.

19. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section having a shape corresponding to a shape of a funnel of a CRT; a frame formed unitarily with the rib section, the frame having a shape corresponding to a shape of a panel of the CRT; and a runner section provided as a part of the rib section, said method comprising the steps of:

pouring injection material from an injection molding machine into the runner section; and

pouring the injection material into the rib section and frame through

the runner section.

20. A method of manufacturing a cathode-ray tube (CRT) holding device including: a rib section having a shape corresponding to a shape of a funnel of a CRT; a frame having a shape corresponding to a shape of a panel of the CRT; a support base for holding the CRT in self-standing manner; and a runner section provided as a part of the rib section, said method comprising the steps of:

pouring injection material from an injection molding machine into the runner section;

pouring the injection material into the rib section and frame through the runner section; and

forming unitarily the rib section, frame, and support base.

21. A display panel holding device comprising a rib section for holding a display panel from a rear side of the display panel, said rib section having a shape similar to a shape of a rear portion of the display panel,.

22. The display panel holding device of claim 21, wherein said rib section has ribs extending in a plurality of directions, respectively.

23. A display panel holding device comprising:

a rib section having a shape corresponding to a shape of a rear portion of a display panel; and

a frame formed unitarily with said rib section, said frame having a shape corresponding to a shape of a peripheral portion of the display panel, wherein said rib section and frame hold the display panel from a rear side of

the display panel.

24. A display panel holding device comprising:

a rib section having a shape corresponding to a shape of a rear portion of a display panel;

a frame having a shape corresponding to a shape of a peripheral portion of the display panel; and

a support base linked to at least one of said rib section and frame,

wherein the display panel is held in self-standing manner from a rear side of the display panel.